

Tempe Fire Department Policies and Procedures

Air Testing

607.03

9-28-06

Purpose

To provide air quality standards incorporated by NFPA 1500 Grade "D" Air.

Policy

A. Air Sample

1. Air sample is taken bi-monthly and by Support Services, and sent to lab.
2. Sample air is then sent to SEMTEC Laboratory for air quality to N.F.P.A. 1500 standard.
3. Fill empty SCBA bottle with air from compressor.
4. All records for air quality for the T.F.D. compressors are stored at Support Services.

B. Air Quality Standard

1. The National Fire Protection Association document NFPA 1500 "Fire Department Occupational Safety and Health Program," section 503.4 requires the compressed air to meet of Grade "D" air, as defined by the Compressed Gas Association (CGA) in the publication G-7.1 "Commodity Specification for Air." Further requirements of NFPA 1500 include a water vapor level of less than 25 ppm and a particulate level of less than 5 mg/m³